

The group G is isomorphic to the group labelled by [21, 1] in the Small Groups library.

Ordinary character table of $G \cong C7 : C3$:

	$1a$	$7a$	$7b$	$3a$	$3b$
χ_1	1	1	1	1	1
χ_2	1	1	1	$E(3)$	$E(3)^2$
χ_3	1	1	1	$E(3)^2$	$E(3)$
χ_4	3	$E(7) + E(7)^2 + E(7)^4$	$E(7)^3 + E(7)^5 + E(7)^6$	0	0
χ_5	3	$E(7)^3 + E(7)^5 + E(7)^6$	$E(7) + E(7)^2 + E(7)^4$	0	0

Trivial source character table of $G \cong C7 : C3$ at $p = 7$:

Normalisers N_i	N_1			N_2		
p -subgroups of G up to conjugacy in G	P_1			P_2		
Representatives $n_j \in N_i$	$1a$	$3a$	$3b$	$1a$	$3a$	$3b$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5$	7	1	1	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5$	7	$E(3)$	$E(3)^2$	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5$	7	$E(3)^2$	$E(3)$	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5$	1	1	1	1	1	1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$

$$P_1 = \text{Group}([()]) \cong 1$$

$$P_2 = \text{Group}([(1, 18, 15, 12, 9, 6, 3)(2, 20, 17, 14, 11, 8, 5)(4, 21, 19, 16, 13, 10, 7)]) \cong C7$$

$$N_1 = \text{Group}([(1, 2, 4)(3, 8, 16)(5, 10, 12)(6, 14, 7)(9, 20, 19)(11, 21, 15)(13, 18, 17), (1, 3, 6, 9, 12, 15, 18)(2, 5, 8, 11, 14, 17, 20)(4, 7, 10, 13, 16, 19, 21)]) \cong C7 : C3$$

$$N_2 = \text{Group}([(1, 18, 15, 12, 9, 6, 3)(2, 20, 17, 14, 11, 8, 5)(4, 21, 19, 16, 13, 10, 7), (1, 2, 4)(3, 8, 16)(5, 10, 12)(6, 14, 7)(9, 20, 19)(11, 21, 15)(13, 18, 17)]) \cong C7 : C3$$